TECHNICAL DATA SHEET

Heavy Duty Series

Plug and socket backshell interface for HDSCS & CTCS XP Connector Series

Harnessflex
SPECIALIST CONDUIT SYSTEMS



The Harnessflex Heavy Duty Series offers safe and secure cable protection for TE HDSCS and Aptiv CTCS XP Type B & E connectors, helping to maintain continuous vehicle operation even in the toughest conditions.

Features & benefits:
- Provides a continuous connection between harness and connector
- Mechanical protection and a degree of ingress protection against dust
- Strain relief
- Abrasion and vibration protection
- Protects from full force of jet washing

Applications:
- Construction vehicles
- Agricultural machinery
- Trucks and other heavy duty vehicles
- Special vehicles
- Electric bus
- Autobus

Compatible with:
- All Harnessflex conduits

Material:
- Polyamide 66 (Nylon)
  - UV Resistant
  - Heat Stabilised

Temperature range:
- Normal use: -40 to +140°C (-40 to +248°F)

Conforms to:
- CE Mark to the low voltage directive
- RoHS Compliant to 2011/65/EU
- End of Life Vehicle directive (ELV) 2000/53/EC

Ingress protection:
- IP40

Chemical resistance guide:
- Please refer to TDS000081

TE HDSCS Connector Series plug and socket backshell interface – Part numbers and dimensions

Part No.	Type	Dimensions (mm) A	B	C	Weight (g)	Conduit size (NC)	Conduit size (NW)
Straight Interface Series							
CI08-HDSCS-B	B	33.5	23.9	12.9	3.4	08	7.5
CI12-HDSCS-B	B	33.5	23.9	16	3.5	12	10
CI20-HDSCS-E	E	41.1	48.9	24.8	7.8	20	17
90° Elbow Interface Series (1 Part Fixed Elbow)							
CI20-F90-HDSCS-E	E	67.9	39	24.8	10	20	17

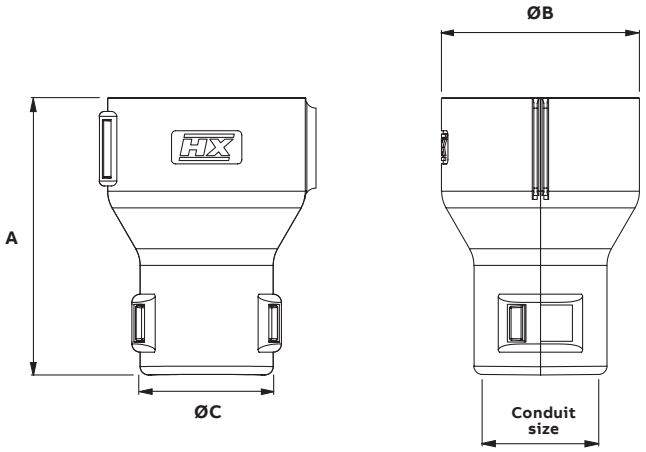
Colour: Black as standard.

Harnessflex Heavy Duty Series connectors compatible with:

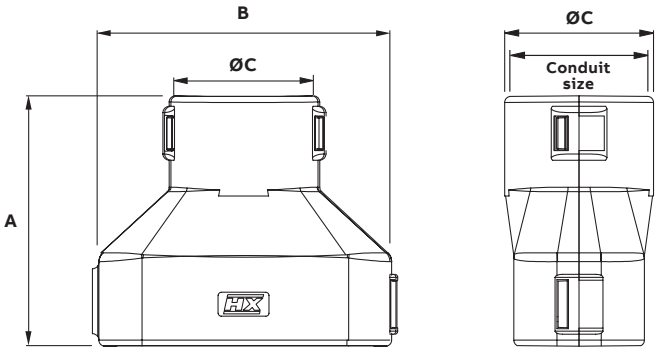
Type B		
TE	*-1703773-1	*-1418469-1
	*-1703808-1	*-1703818-1
	*-1703820-1	*-1418390-1
Aptiv	33308731	33346867
	33308912	33347886
	33308961	33346852
	33308974	33346865
	33308978	33346866
	33308982	33347865

Type E		
TE	*-1564337-1	*-1563759-1
	*-1564526-1	*-1564412-1
	*-1564337-1	*-1564407-1
	*-1564528-1	*-1563878-1
	*-1564532-1	*-1564530-1
	*-1670901-1	*-1564330-1
	*-1564534-1	–
Aptiv	33285171	33347859
	33285172	33347875
	33342234	33347874
	33342243	33347860
	33342277	33347876
	33342293	33347872
	33343701	33349151
	33344005	33347873

CI08-HDSCS-B & CI12-HDSCS-B Dimensions



CI20-HDSCS-E Dimensions



CI20-F90-HDSCS-E Dimensions

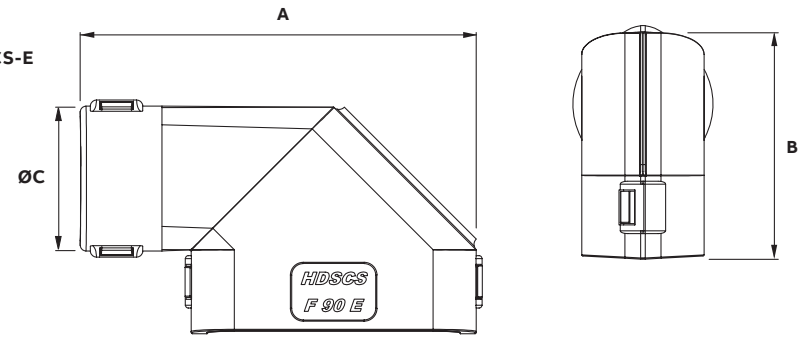


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